6.0 Master Plan and Policy Coordination

6.1 IMPACTS TO THE MASTER PLAN

2010 Campus Master Plan Update
In 2000 the University developed a master plan for the EWU campus. This master plan was updated in 2005 and again in 2010. The Science I project supports the goals and objectives of the 2010 master plan to:

- Accommodate 12,000 FTE’s at Cheney and satellite campuses;
- Improve the technology in all classrooms;
- Enhance the collegiate identity of the campus, in part by improving its visual appeal; and
- Achieve sustainable objectives, with an emphasis on improving campus system efficiencies and on abiding by the spirit of the American College & University President’s Climate Commitment to strive for Climate Neutrality.

The master plan is available for viewing at http://wiki.ewu.edu/campusmasterplan/Main_Page.

Master Plan Findings
Science I will contribute to the following master planning opportunities identified in the Master Plan:

Campus Attributes: The campus has a compact academic core area that is identified as a strong feature and benefit. The Science I preferred site occupying the present location of the Robert Reid Lab School is within the south academic core, and within the 5 minute walking radius established around the adjacent JFK Library.

Academic Capacity: The Master Plan states that the existing roster of academic buildings has the capacity to accommodate the expected increased enrollment of the near future. However, the existing Science Building contains the only laboratories on campus capable of accommodating science teaching and research, and they are currently operating beyond capacity with outdated infrastructure. For chemistry and physics, Science I will address the existing building’s deficiencies.

Master Plan Improvement Projects
Science I will support the following improvement projects identified in the Master Plan:

Create Art Walk: The primary entrance to Science I will be located fronting on the pedestrian walkway identified as an Art Walk, which runs from the center of campus to the Arts/Communications Complex. The new building has the opportunity to engage and enhance this amenity as it develops.

Create Science Commons: The grass lawn that exists to the west of the proposed Science I site, to the east of the Computer Engineering Building and down the hill from the Science Building is the Science Commons, will be a common campus space that is shared by the disciplines within the College of Health, Science and Engineering.

Reference figure 6.a on the following page.


**Figure 6.a Campus Master Plan Features**

**EWU’s Ten Year Capital Plan**
Science I is identified in the long-range physical development plan, in support of the University’s mission and strategic plan.

*Proposed Science I:* As part of an envisioned University Science Center, Science I to house the Chemistry/Biochemistry and Physics departments is identified in EWU’s Ten Year Capital Plan for long-range physical development. Its construction will address numerous deficiencies in the existing Science Building by resulting in a high performance, energy efficient building meeting the science teaching and research needs. It will also ensure that the science programs operate as a model of the University’s commitment to sustainable communities and environmental stewardship.
Planned Science II: A future Science II to house the Biology and Geology departments is also noted in the Ten Year Plan. It is envisioned to complete the contributions of Science I in a companion project in a proposed location immediately adjacent and linked to Science I. Once completed, these two new science buildings will front on the emerging Science Commons.

Campus Consolidation: The outdated Robert Reid Lab School is proposed for demolition in the Master Plan as part of a campus consolidation program, making way for this new building. The eventual move of the sciences out of the existing Science Building, after Science I and II come on line, will allow for programs that are part of the larger campus consolidation effort to be relocated a renovated Science Building.

Sustainable Infrastructure Upgrade: Reducing energy consumption, which is the primary focus of the sustainable design initiative on Science I, will play a key role in EWU’s strategies towards reducing dependence on the use of fossil fuels for campus building energy and power. This is discussed in detail in Sections 2.0 and 3.0 of this report.

Science I Contributions
Science I will not require any changes to be adopted in the 2010 Campus Master Plan. This building will be compatible with and enhance the campus built environment in the following ways:

- Extend and reinforce the continuity of the campus context and the overall master plan.
- Embody barrier free, universal design that provides access for all users.
- Promote environmentally conscious building design and technologies.
- Provide flexibility in the building layout to achieve optimum adaptability.
- Utilize materials and systems that are appropriate to function, durable and that are easily maintainable.

6.2 POLICY COORDINATION

Science I will adhere to all relevant state requirements, including:

- Leadership in Energy and Environmental Design (LEED) Gold;
- WA State 70.235 RCW Limiting greenhouse gas emissions;
- WA State 70.94 RCW Washington clean air act (Clean Air Act of 1991);
- WA State 39.35 RCW Energy conservation in the design of public facilities; and
- State Environmental Policy Act